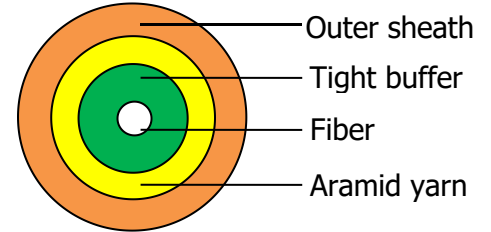


>Indoor Optical Communication Cable >Simplex Cable

Description

The cable uses a tight buffer fiber wrapped with a layer of aramid yarn as the optical communication medium, and it is completed with an outer sheath.



Structural Diagram

Technical Characteristics

- Soft, flexible, easy to handle.
- Suitable for pigtail, jumper wire and indoor cabling
- For optical connection in optical communication machine room, optical distribution frame, optical device and machine.
- Good mechanical and environmental property.
- Excellent flame retarding and stripping performance.
- Tight buffer material can be flame retardant PVC, LSZH flame retardant polyolefin, TPU or other agreed one.
- Tight buffer color can be customized

Cable Property

Cable type	Cable Weight (kg/km)	Diameter		Tensile strength		Crush resistance		Bending radius			
		Tight buffer	Cable	Long term	Short term	Long term	Short term	B6		Others	
								Staitc	Dynamic	Staitc	Dynamic
		(mm)		(N)		(N/100mm)		(mm)			
Φ1.6 mm	2.2	0.6±0.05	1.6±0.1	40	80	100	500	15	30	30	60
Φ1.8 mm	2.7	0.6±0.05	1.8±0.1	40	80	100	500	15	30	30	60
Φ2.0 mm	3.4	0.9±0.05	2.0±0.1	60	100	100	500	15	30	30	60
Φ2.4 mm	5.1	0.9±0.05	2.4±0.1	60	100	100	500	15	30	30	60
Φ2.8 mm	6.6	0.9±0.05	2.8±0.1	80	150	100	500	15	30	30	60
Φ3.0 mm	7.1	0.9±0.05	3.0±0.1	80	150	100	500	15	30	30	60

1,All values above can be customized.

Environmental Performance

- Transportation & Storage temperature: -20℃-±60℃
- Installation temperature: -10℃-±50℃
- Operation temperature : -20℃-±60℃
- Remarks : RoHS